

Message Text

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ORIGIN DOE-11

INFO OCT-01 EUR-12 ISO-00 ACDA-12 CIAE-00 INR-10 IO-14
L-03 NSAE-00 NSC-05 EB-08 NRC-07 OES-07 SOE-02
DODE-00 SS-15 SP-02 CEQ-01 /110 R

DRAFTED BY USDOE:ETM:RLBINGHAM
APPROVED BY OES/APT/SEP/RGMORRIS
SD TM:EEKINTNER
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EUR/SOV;PHUGHES

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FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW

UNCLAS STATE 053840

E.O. 11652:

TAGS: US,UR,TECH,TGEN,ENRG

SUBJECT: US-USSR ATOMIC ENERGY AGREEMENT (07.0305)
PLASMA WALL INTERACTIONS

1. PLEASE DELIVER FOLLOWING LETTER TO G. A. ELISEEV
(KURCHATOV) WITH COPY TO D. F. KHOKHLOVA (SCAE).

DR. G. A. ELISEEV
STATE COMMITTEE FOR THE UTILIZATION
--OF ATOMIC ENERGY
KURCHATOV INSTITUTE OF ATOMIC ENERGY
46 ULITSA KURCHATOVA
MOSCOW, USSR

DEAR YURI:
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SUBJECT: PLASMA WALL INTERACTIONS

THE U.S. DELEGATION FOR THE PLASMA WALL INTERACTIONS
EXCHANGE (NOS. 20 AND 22) WILL INCLUDE THE FOUR SCIENTISTS
LISTED BELOW.

--ROBERT CLAUSING (ORNL) BORN AUGLAIZE COUNTY, OHIO

--23 JULY 1931

--EARL ENSBERG (GENERAL ATOMIC) BORN GRAND FORKS,

--NORTH DAKOTA, 11 JUNE 1929

--FRED DYLLA (PPPL) BORN ATLANTA, GEORGIA, [Sensitive Information Removed Per NARA 08 DEC 2014]

--TONY HSU (DEPT. OF ENERGY) BORN [Sensitive Information Removed Per NARA 08 DEC 2014]

--SHANGHAI, CHINA, U.S. CITIZEN

THE LAST THREE MEMBERS OF THE GROUP WOULD LIKE TO ARRIVE IN MOSCOW ON SUNDAY, APRIL 16, 1978, FOR TWO WEEKS OF WORKSHOPS AND LABORATORY VISITS. THE DELAY FROM THE APRIL 9 DATE SUGGESTED EARLIER IS DUE TO THE GROUP'S PLANNED PARTICIPATION IN AN EXTENDED WORKSHOP AT CULHAM ON APRIL 10-13. DR. CLAUSING DOES NOT BELIEVE THAT HE CAN HAVE HIS EQUIPMENT PREPARED, CHECKED OUT AND SHIPPED TO MOSCOW BY MID APRIL. IN TALKS WITH DR. BREVNOV AT OAK RIDGE IN JANUARY IT WAS DECIDED THAT THE JUNE-AUGUST PERIOD WOULD BE BEST FOR THIS EIGHT WEEK EXPERIMENT ON T-12 AND DR. CLAUSING WOULD LIKE TO COME AT THAT TIME.

THE DISCUSSION TOPICS SUGGESTED BY DR. VELIKHOV IN HIS FEBRUARY 17 TELEPHONE CONVERSATION WITH MR. KINTNER ARE IN LINE WITH THE INTERESTS OF THE U.S. TEAM.

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SINCE NONE OF THE U.S. PARTICIPANTS HAVE VISITED THE USSR PREVIOUSLY, IT WOULD BE GREATLY APPRECIATED IF A BRIEFING OF THE OVERALL USSR TOKAMAK PROGRAM AND SURFACE PROGRAMS COULD BE ARRANGED. THE U.S. PARTICIPANTS WOULD BE PLEASED TO DISCUSS RECENT RESULTS ON THE MEASUREMENT OF SURFACE EFFECTS FROM PRESENTLY OPERATING DEVICES, IN PARTICULAR FROM PLT AND ISX. THE PARTICIPANTS WOULD LIKE TO SPEND THE MAJORITY OF THE PERIOD IN THE USSR VISITING PHYSICISTS WORKING ON TOKAMAKS, SURFACE EFFECTS EXPERIMENTS, AND DIAGNOSTIC DEVELOPMENT. A LIST OF POSSIBLE SOVIET PHYSICISTS WITH INTERESTS IN COMMON WITH THE U.S. PARTICIPANTS INCLUDE: GUSEV, GUSEVA, VOROBIEV, SEMENOV, MIRNOV, MARTENENHOV, VERSHKOV, STEPANCHIOKOV, AND VINOGRADOVA.

THE USSR INSTITUTES WHICH THE PARTICIPANTS ARE INTERESTED IN VISITING INCLUDE: KURCHATOV, KHARKOV, IOFFE AND LEBEDEV INSTITUTES.

BEST REGARDS,

ROBERT L. BINGHAM
COORDINATOR FOR PLANS
U.S. DEPT. OF ENERGY
VANCE

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